

FIG.1A

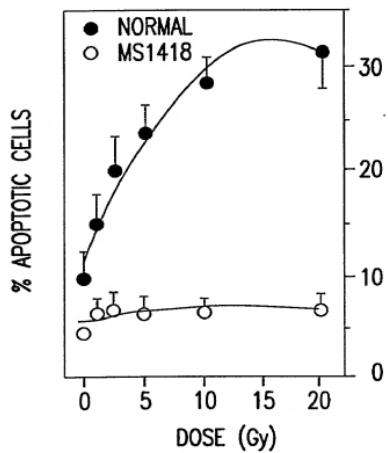


FIG.1B

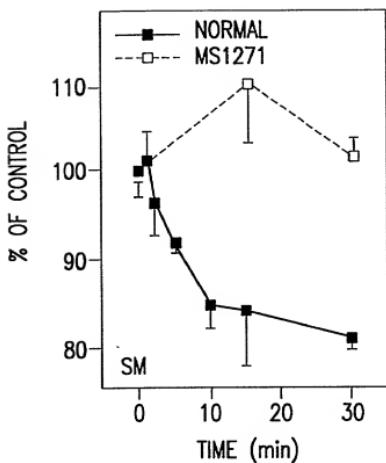


FIG.1C

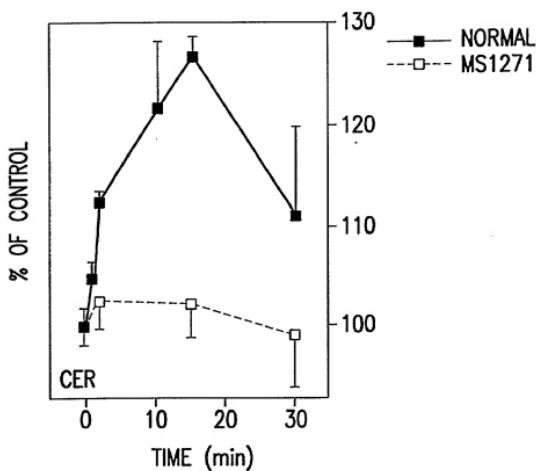


FIG.1D

TRANSDUCED MS1271

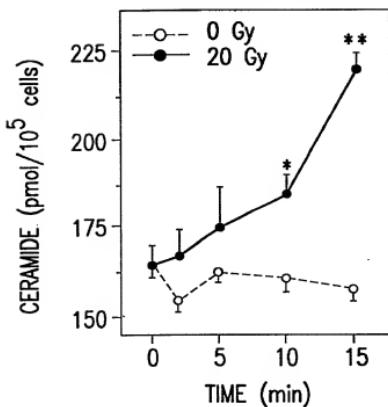


FIG.2A

TRANSDUCED MS1418

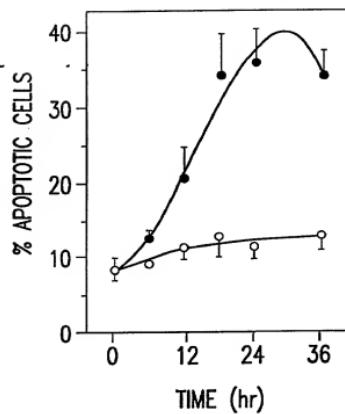


FIG.2B

TRANSDUCED MS1271

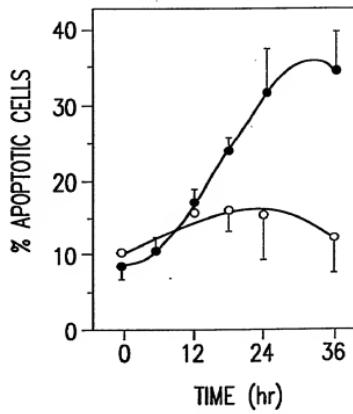


FIG.2C

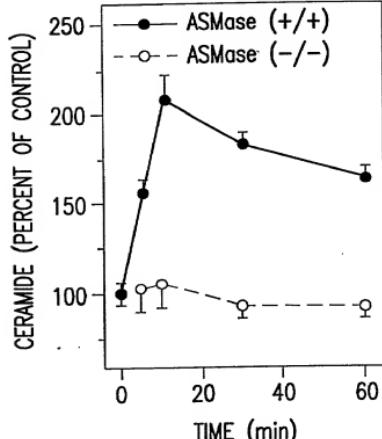


FIG.3A

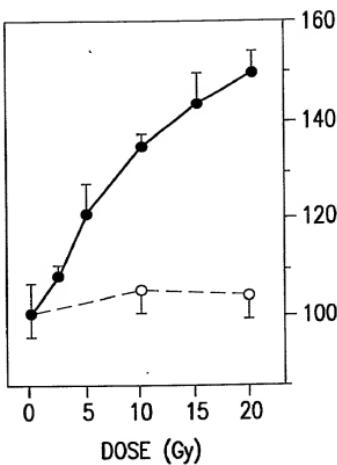


FIG.3B

TRITON X-100 2522660

X400

x1000

ASMase +/+

ASMase -/-

F P O 4 G

FIG.4

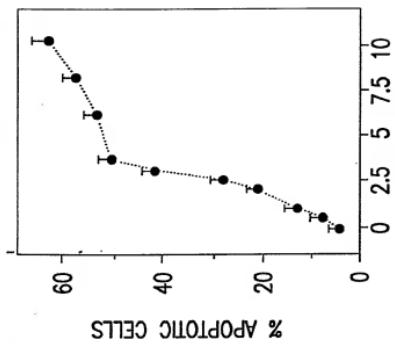


FIG.5A

MICE	TISSUES	4 Gy	5 Gy	7.5 Gy
129/SV	THYMUS	558 (27.9%)	652 (32.6%)	737 (36.9%)
ASMASE -/-	THYMUS	240 (12.0%)*	346 (17.3%)*	565 (28.2%)*
129/SV	SPLEEN	288 (14.3%)	470 (23.6%)	560 (28.6%)
ASMASE -/-	SPLEEN	185 (9.2%)*	323 (16.1%)*	397 (19.0%)*

\*p< 0.001 vs. 129/SV

FIG.5B

TOETBUD 228360

ASMas e *-/-*      ASMas e *+/+*

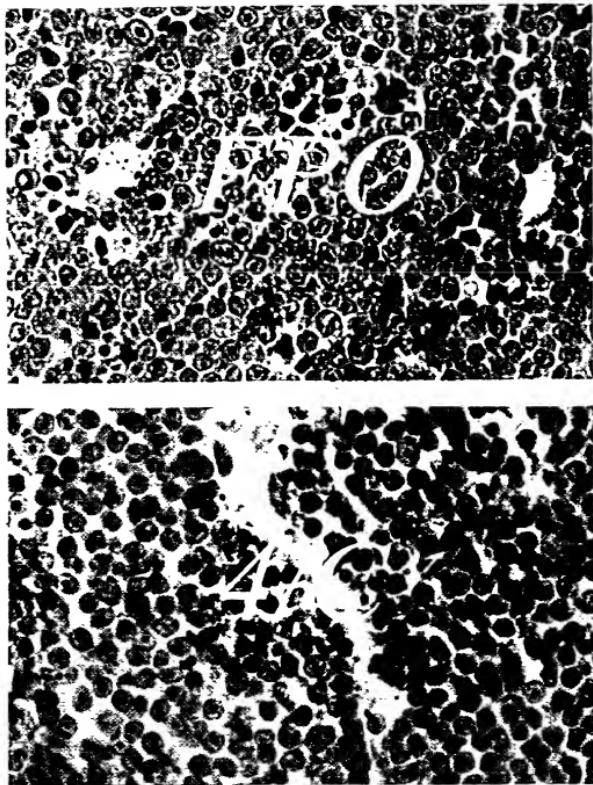
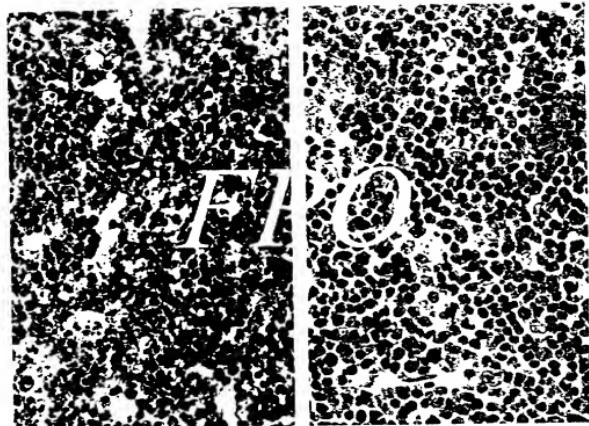


FIG.6

030104-088896

Thymus



Lung

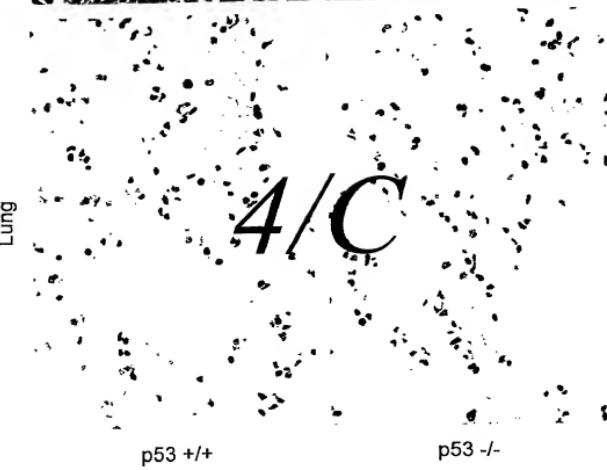


FIG.7